SECURE REMOTE MIRRORING

ABSTRACT OF THE DISCLOSURE

One embodiment disclosed relates to a method for remote mirroring of network traffic. A data packet to be remotely mirrored is received by an entry device. The entry device is pre-configured with a destination address to which to mirror the data packet. The packet to be mirrored is encrypted. An encapsulating header is generated and added to encapsulate the encrypted packet. The encapsulating header includes the aforementioned destination address. The encapsulated packet is forwarded to an exit device associated with the destination address, where the packet may be decapsulated, and then decrypted, before being sent out of a port. In another embodiment, the entry and exit devices are remotely configured with encryption and decryption keys, respectively.